

Supporting information

**Near-Infrared Light Triggered Photothermal Therapy and Enhanced
Photodynamic Therapy with a Tumor-targeting Hydrogen Peroxide Shuttle**

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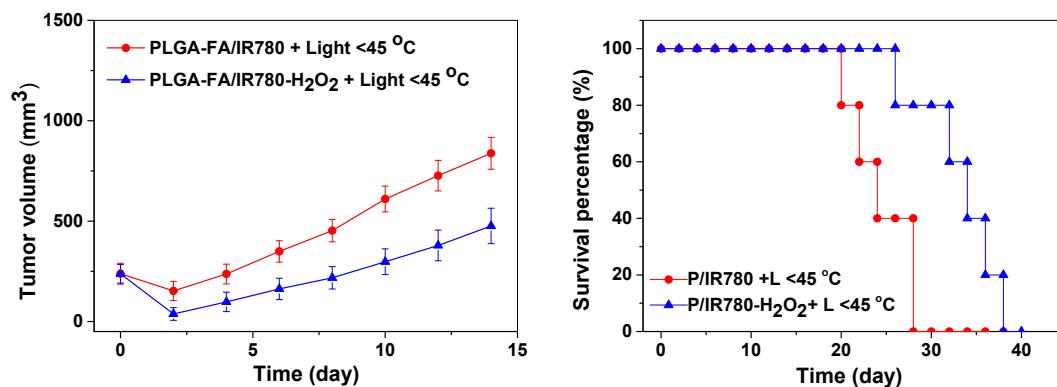


Figure S1. (a) Average tumor volume of the mice intravenously injected with 1) 200 μ L 5 mg/mL PLGA-FA/IR780 NPs + 6 times of 30 s laser irradiation, 2) 200 μ L 5 mg/mL PLGA-FA/IR780-H₂O₂ NPs + 6 times of 30 s laser irradiation. (b) Kaplan-Meier plots showing the percentage of animals remaining in the study as a function of time.

In order to control the tumor temperature lower than 45 °C, an intermittent light irradiation method is applied. The tumor was irradiated with an 808 nm laser (0.5 W/cm²) for 30 s and leave in dark for another 1 min, repeated for 6 times. Overall the tumors were received 3 min irradiation in total. The temperature was about 42-44 °C.